

4.2.F. 0602000208

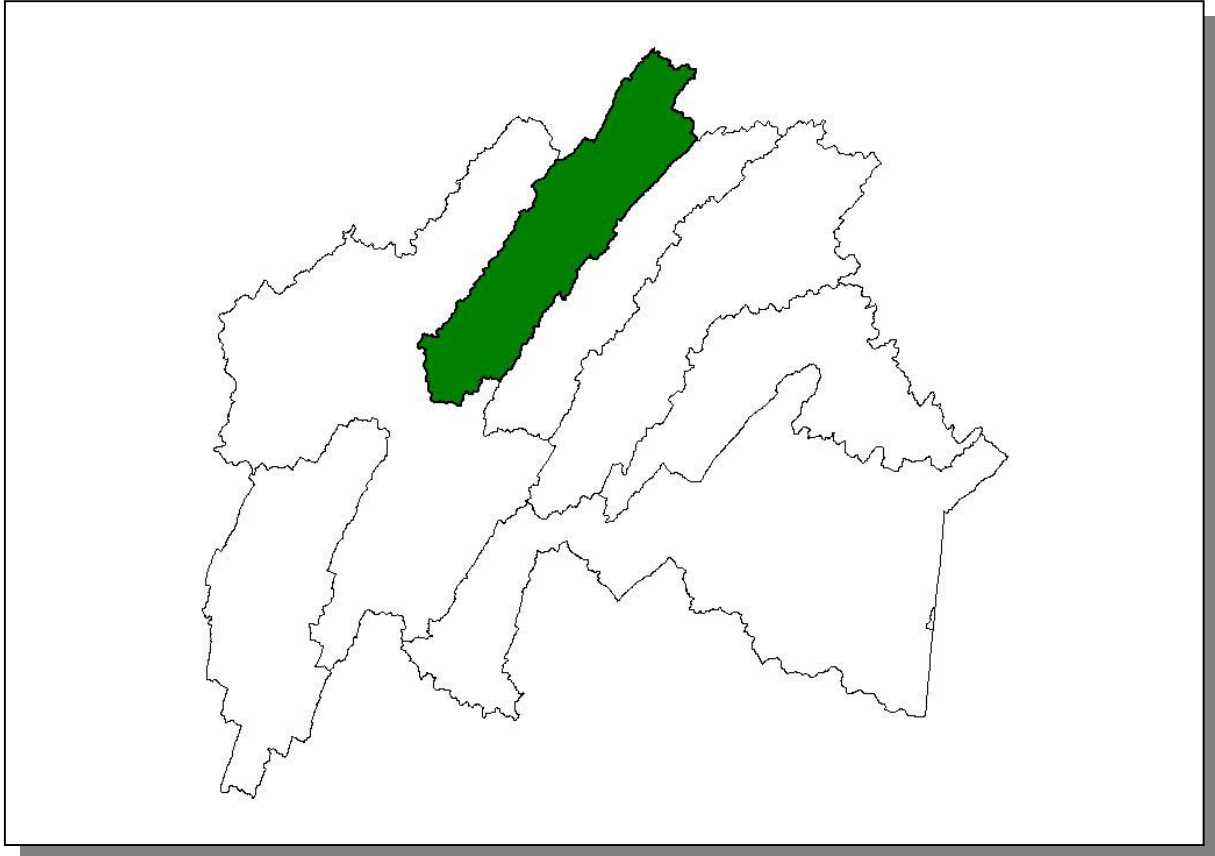


Figure 4-57. Location of Subwatershed 0602000208. All Hiwassee HUC-10 subwatershed boundaries are shown for reference.

4.2.F.i. General Description.

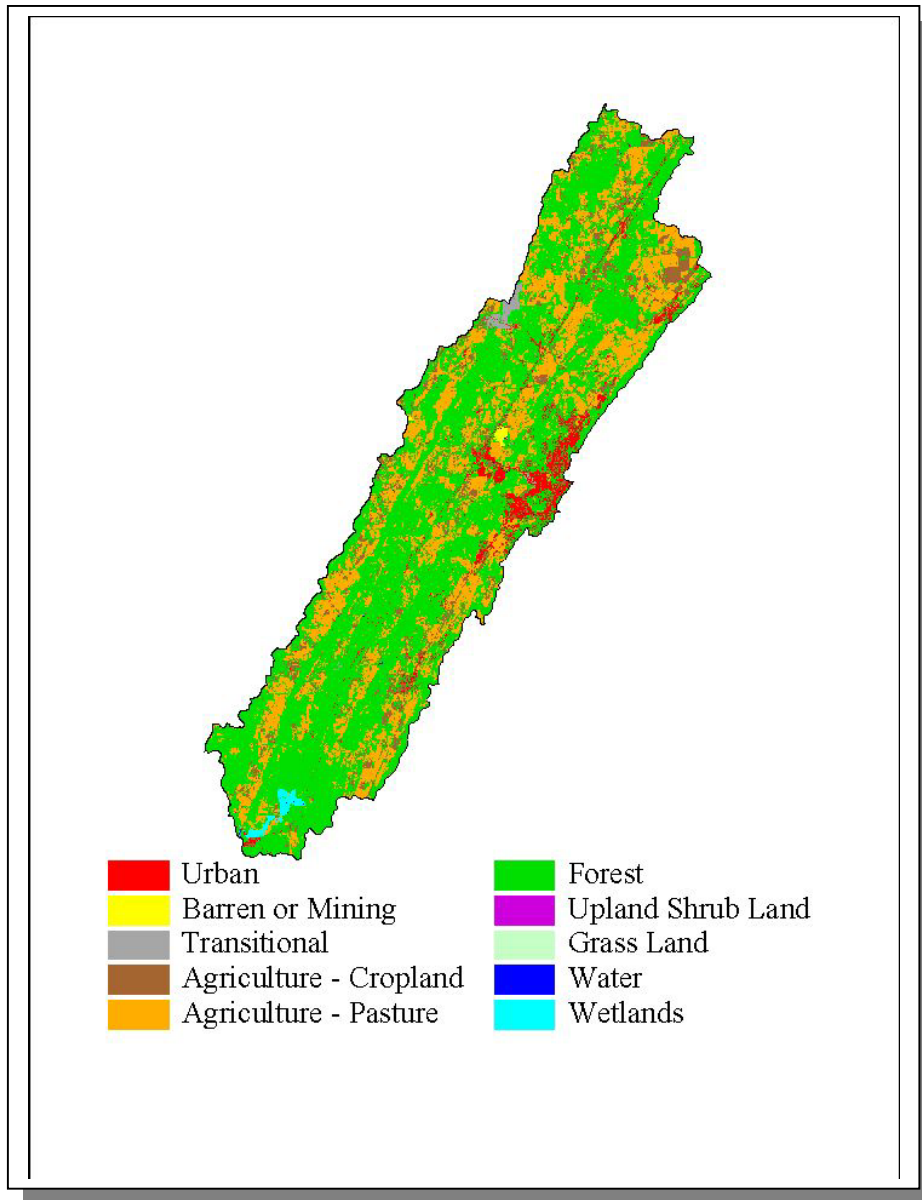


Figure 4-58. Illustration of Land Use Distribution in Subwatershed 0602000208.

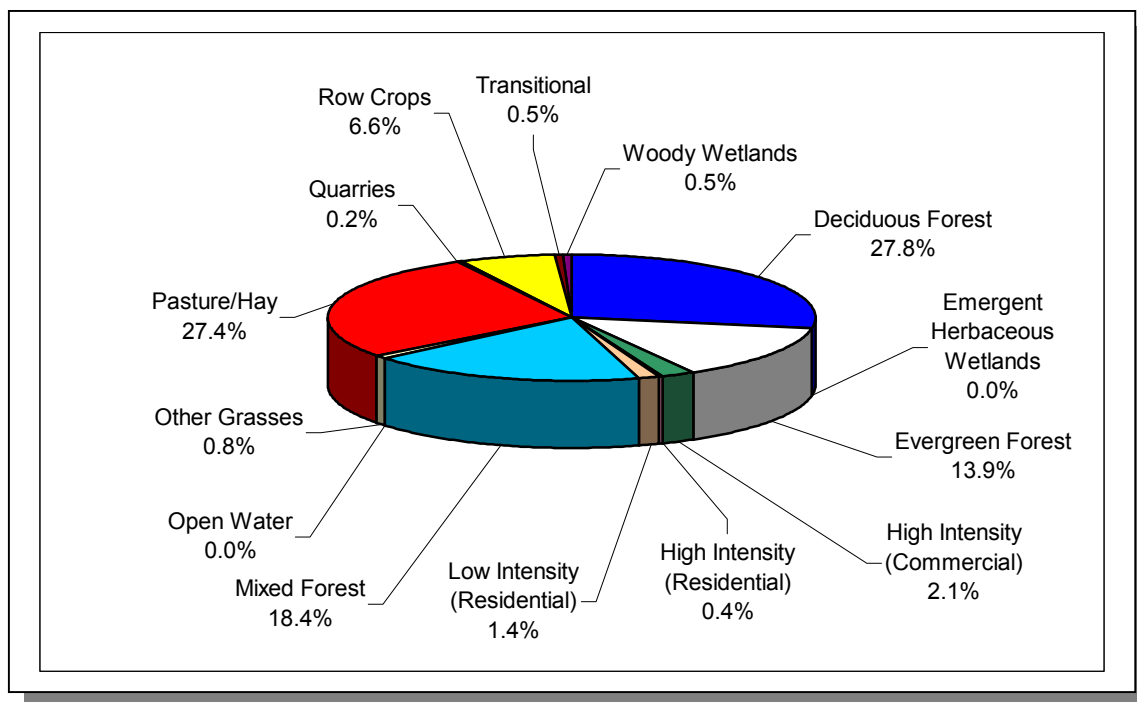


Figure 4-59. Land Use Distribution in Subwatershed 0602000208. More information is provided in Hiwassee-Appendix IV.

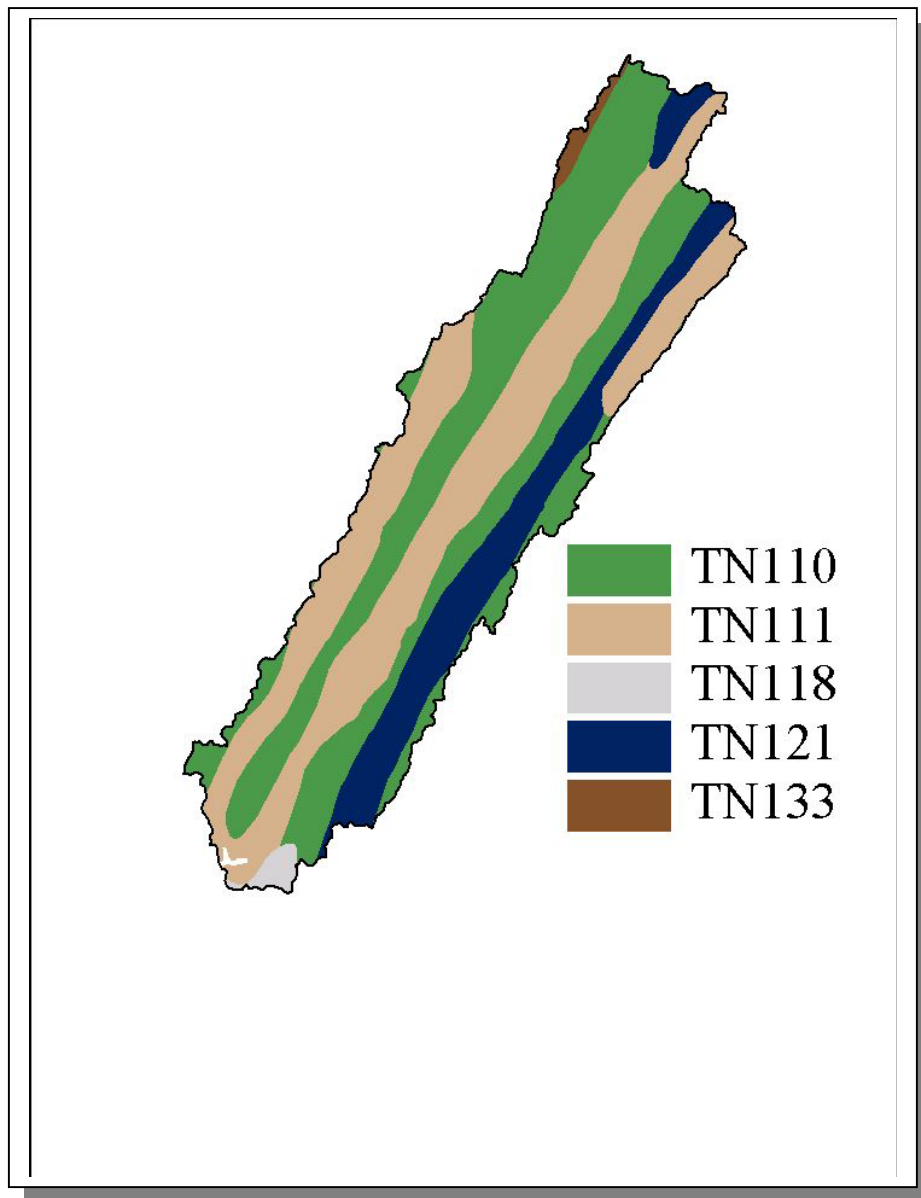


Figure 4-60. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0602000208.

| STATSGO MAP UNIT ID | PERCENT HYDRIC | HYDROLOGIC GROUP | PERMEABILITY (in/hr) | SOIL pH | ESTIMATED SOIL TEXTURE | SOIL ERODIBILITY |
|------------------------|-------------------|---------------------|-------------------------|------------|---------------------------|---------------------|
| TN110 | 0.00 | B | 2.22 | 4.96 | Loam | 0.31 |
| TN111 | 0.00 | C | 1.41 | 5.10 | Loam | 0.34 |
| TN118 | 0.00 | C | 6.52 | 5.12 | Loam | 0.29 |
| TN121 | 0.00 | B | 1.30 | 5.21 | Loam | 0.33 |
| TN133 | 0.00 | C | 1.35 | 6.04 | Clayey Loam | 0.27 |

Table 4-39. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0602000208. More information is provided in Hiwassee-Appendix IV.

| County | TOTAL COUNTY POPULATION | | Portion of Watershed (%) | ESTIMATED POPULATION IN WATERSHED | | PERCENT CHANGE |
|---------------|-------------------------|----------------|--------------------------|-----------------------------------|--------------|----------------|
| | 1990 | 1997 Est. | | 1990 | 1997 | |
| Bradley | 73,712 | 80,800 | 0.00 | 2 | 2 | 0.0 |
| McMinn | 42,383 | 46,000 | 21.73 | 9,210 | 9,996 | 8.5 |
| Totals | 116,095 | 126,800 | | 9,212 | 9,998 | 8.5 |

Table 4-40. Population Estimates in Subwatershed 0602000208.

| Populated Place | County | Population | NUMBER OF HOUSING UNITS | | | |
|-----------------|--------|---------------|-------------------------|--------------|-------------|----------|
| | | | Total | Public Sewer | Septic Tank | Other |
| Athens | McMinn | 12,054 | 5,184 | 4,947 | 237 | 0 |
| Niota | McMinn | 769 | 364 | 289 | 75 | 0 |
| Totals | | 12,823 | 5,548 | 5,236 | 312 | 0 |

Table 4-41. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0602000208.

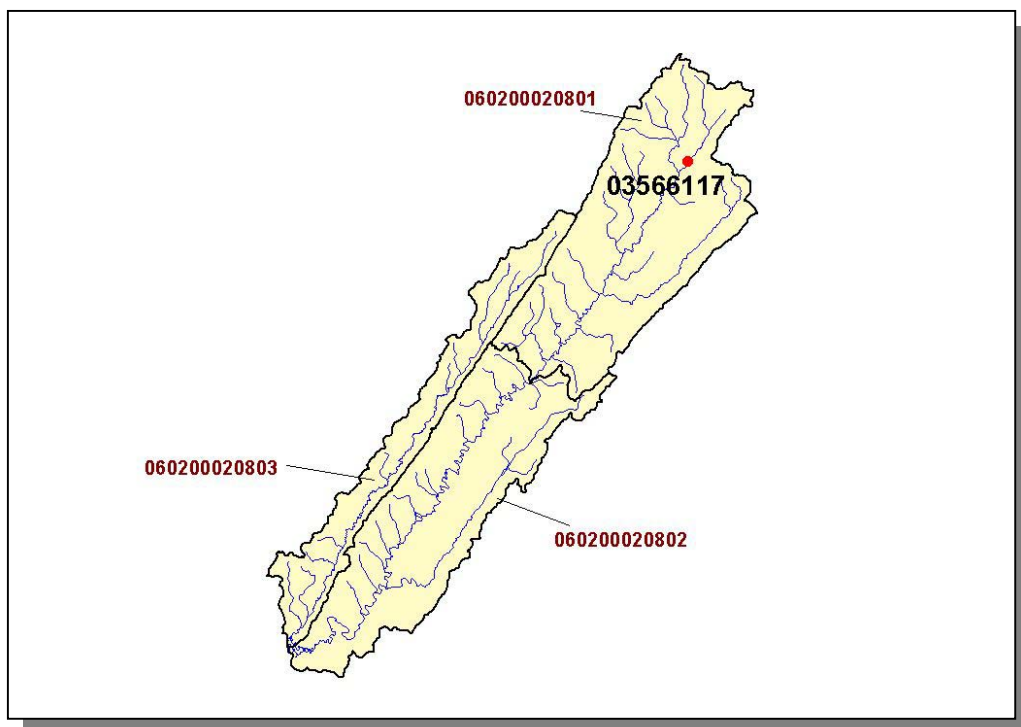


Figure 4-61. Location of Historical Streamflow Data Collection Sites in Subwatershed 0602000208. Subwatershed 060200020801, 060200020802, and 060200020803 boundaries are shown for reference. More information is provided in Hiwassee-Appendix IV.

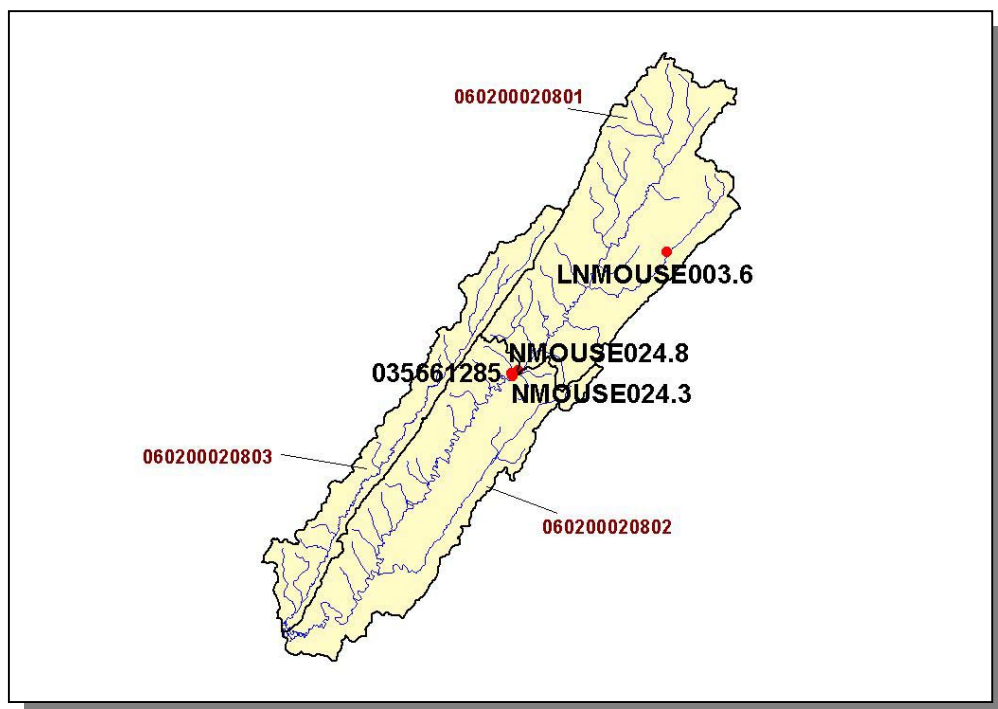


Figure 4-62. Location of STORET Monitoring Sites in Subwatershed 0602000208. Subwatershed 060200020801, 060200020802, and 060200020803 boundaries are shown for reference. More information is provided in Hiwassee-Appendix IV.

4.2.F.ii. Point Source Contributions.

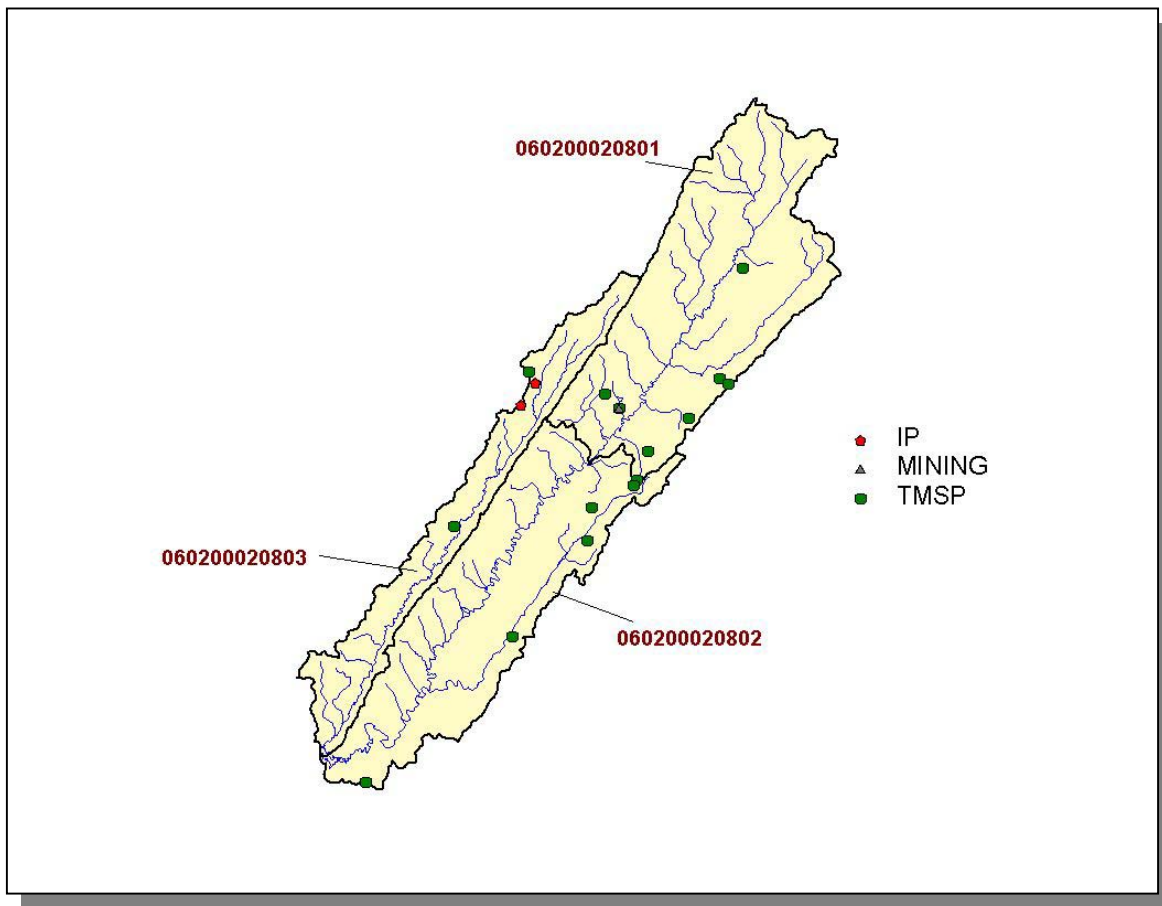


Figure 4-63. Location of Active Point Source Facilities in Subwatershed 0602000208. Subwatershed 060200020801, 060200020802, and 060200020803 boundaries are shown for reference. More information is provided in the following figures.

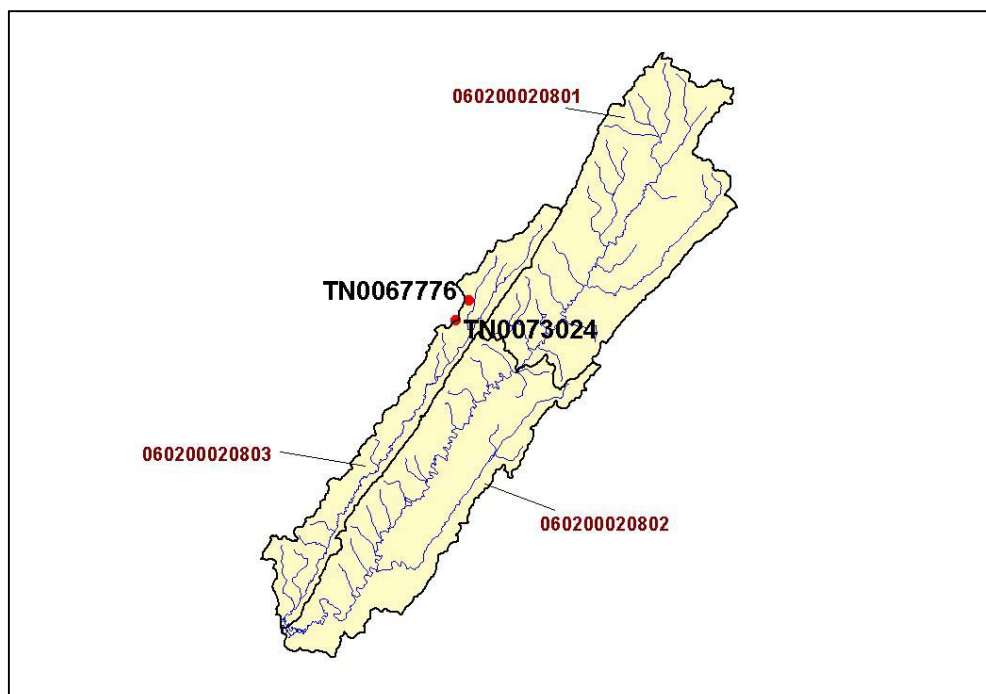


Figure 4-64. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 0602000208. Subwatershed 060200020801, 060200020802, and 060200020803 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

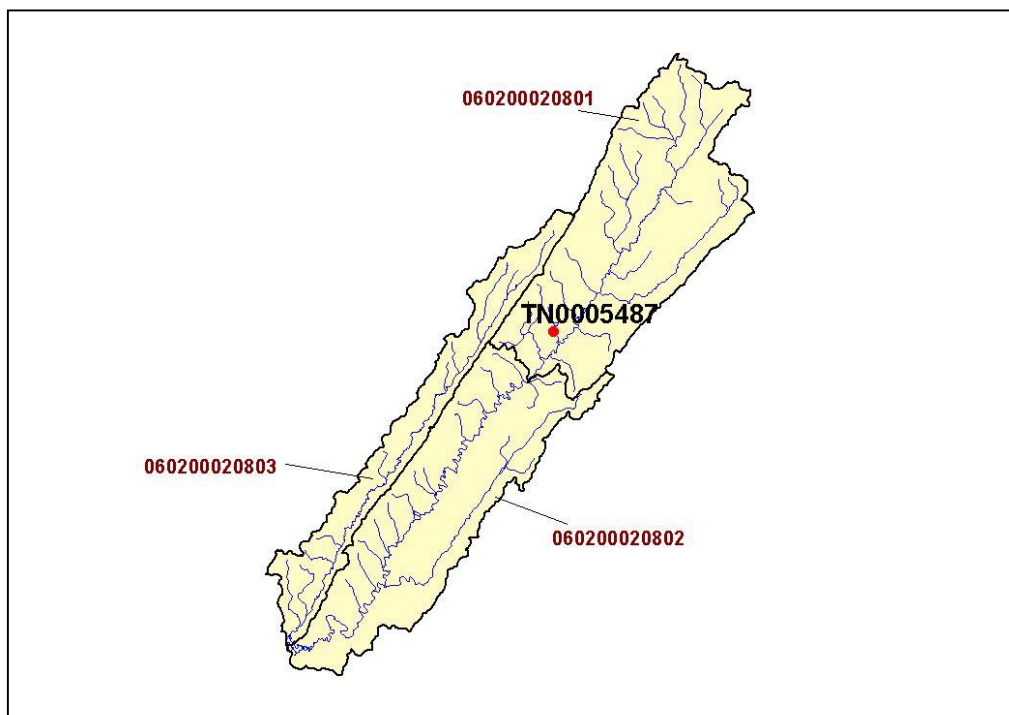


Figure 4-65. Location of Active Mining Sites in Subwatershed 0602000208. Subwatershed 060200020801, 060200020802, and 060200020803 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

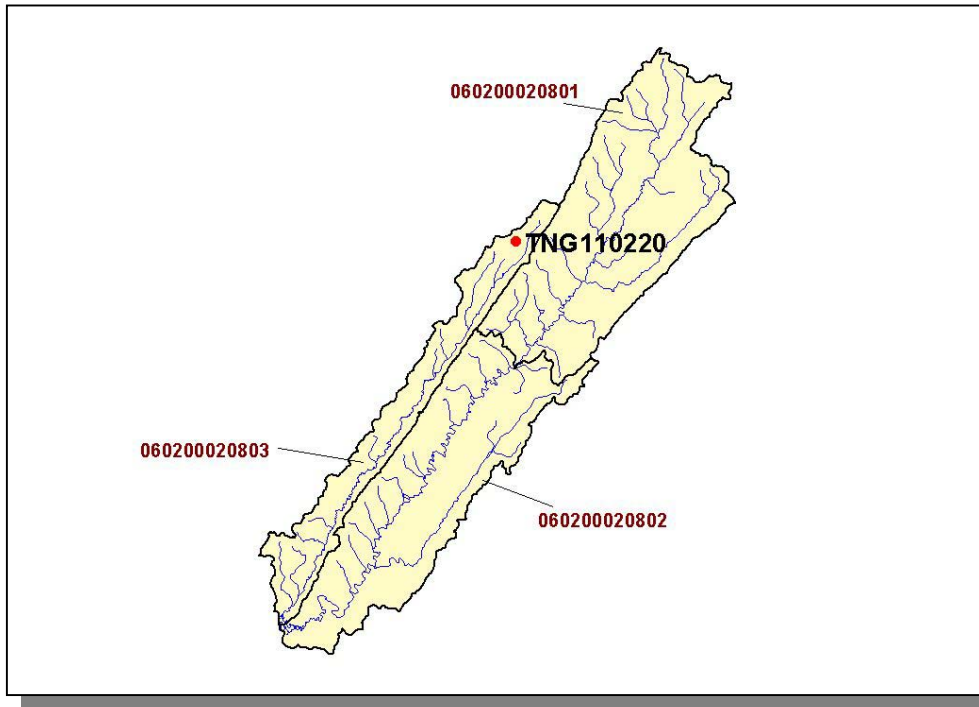


Figure 4-66. Location of Ready Mix Concrete Facilities in Subwatershed 0602000208. Subwatershed 060200020801, 060200020802, and 060200020803 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

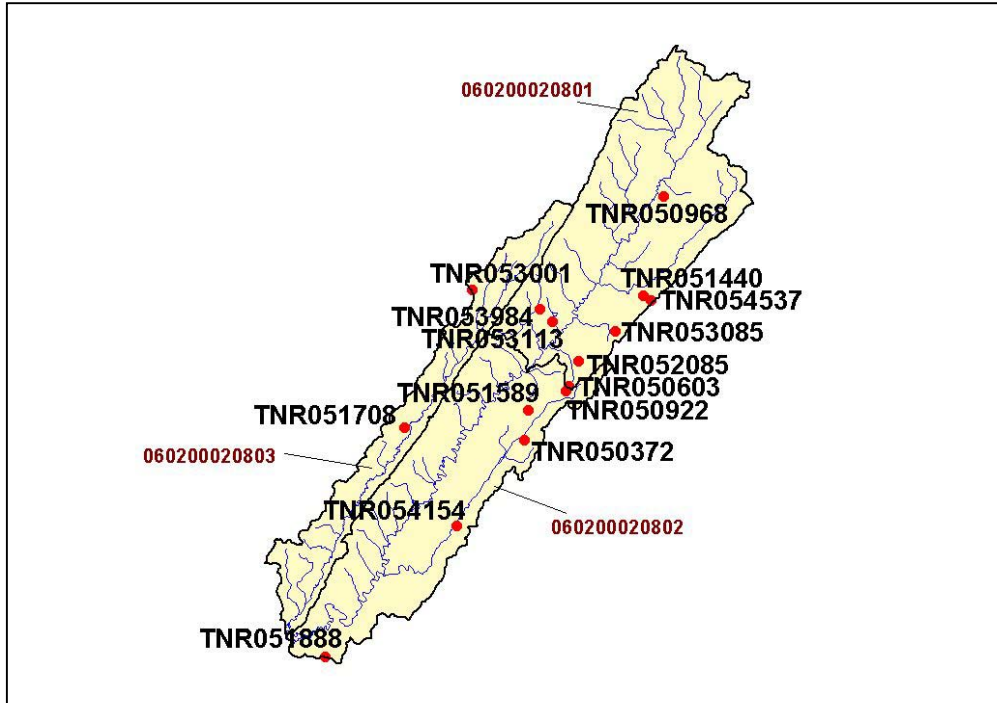


Figure 4-67. Location of TMSP Facilities in Subwatershed 0602000208. Subwatershed 060200020801, 060200020802, and 060200020803 boundaries are shown for reference. More information, including the names of facilities, is provided in Hiwassee-Appendix IV.

4.2.F.iii. Nonpoint Source Contributions.

| LIVESTOCK (COUNTS) | | | | | | |
|---------------------------|----------|--------|----------|---------------|------|-------|
| Beef Cow | Milk Cow | Cattle | Chickens | Chickens Sold | Hogs | Sheep |
| 3,625 | 1,581 | 9,523 | 11 | 1,189,471 | 95 | 6 |

Table 4-42. Summary of Livestock Count Estimates in Subwatershed 0602000208. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

| County | INVENTORY | | REMOVAL RATE | |
|---------|---------------------------------|---------------------------------|---------------------------------------|-----------------------------------|
| | Forest Land (thousand acres) | Timber Land (thousand acres) | Growing Stock (million cubic feet) | Sawtimber (million board feet) |
| Bradley | 92.5 | 92.5 | 8.2 | 18.1 |

Table 4-43. Forest Acreage and Average Annual Removal Rates (1987-1994) in Subwatershed 0602000208.

| CROPS | TONS/ACRE/YEAR |
|--|-----------------------|
| Non Agricultural Land Use | 0.00 |
| Grass (Hayland) | 0.36 |
| Legume (Hayland) | 0.11 |
| Grass (Pastureland) | 0.38 |
| Grass, Forbs, Legumes (Mixed (Pasture) | 0.67 |
| Forest Land (Grazed) | 0.00 |
| Forest Land (Not Grazed) | 0.00 |
| Farmsteads and Ranch Headquarters | 1.07 |
| Corn (Row Crops) | 5.26 |
| Tobacco (Row Crops) | 5.65 |
| Conservation Reserve Program Land | 0.27 |

Table 4-44. Annual Estimated Total Soil Loss in Subwatershed 0602000208.